

AMENDMENTS TO THE CLAIMS

Please cancel claims 2-17, 21-27 and 30 without prejudice or disclaimer.

1. (Currently amended) An enterprise system, comprising:

a plurality of artifacts; and

a smart distance between said plurality of artifacts.

a calculator for calculating said smart distance among artifacts according to a predetermined algorithm, said algorithm comprising:

representing a distance from a_i to a_j as a vector $d_{ij} = \langle |c_1|, \dots, |c_{I_{ij}}| \rangle$;

representing the distance configurations at time τ for a given enterprise

by a matrix $D(\tau) = \begin{pmatrix} d_{11}(\tau), \dots, d_{1n}(\tau) \\ \dots \\ d_{n1}(\tau), \dots, d_{nm}(\tau) \end{pmatrix}$; and

minimizing $\|D(\tau) - D_{natural}(\Omega(\tau))\|$, where $c_1, \dots, c_{I_{ij}}$ comprise channels

of interaction between said artifacts, $|c_{I_{ij}}|$ comprises a degree of interaction for a channel

$c_{I_{ij}}$, $\Omega(\tau)$ comprises a given contextual/ environmental condition at time τ , and

$D_{natural}(\Omega(\tau))$ comprises a natural distance configuration;

a smart distance enabled adaptive document community, said plurality of artifacts comprising at least one adaptive document, and said smart distance comprising a distance between said at least one adaptive document and one of a person, an agent, and another adaptive document; and

a global awareness server, said adaptive document interacting with other artifacts via said global awareness server,

wherein said enterprise system comprises a virtual enterprise system,

wherein said plurality of artifacts comprises at least one of a person, an object, a database, an autonomous element, an intelligent agent, and an information system,

wherein a plurality of interactions are formed between artifacts in said plurality of artifacts, said interactions comprising at least one of a video channel, an audio channel and a text channel,

wherein said smart distance comprises an optimal degree of awareness, communication and interaction between artifacts in said plurality of artifacts, and

wherein said at least one adaptive document comprises a local registry.

2-33. (Canceled)